

ABSTRACT

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5 A plurality of fiducial mark plates, on which a plurality
of fiducial marks are dispersedly arranged by each measurement
sequence which uses the fiducial mark, are arranged on the
periphery of a substrate holder on the substrate stage so as
to make the positional relationship between the substrate
holder constant. This allows the fiducial mark plates to be
arranged on the substrate stage at a place where there is little
10 space. In addition, the main controller performs various
measurement sequences that include the detection operation
to detect the positional information on each fiducial mark
using the mark detection system. Accordingly, it becomes
possible to downsize the substrate stage, which leads to a
15 reduction in footprint, while maintaining the measurement
functions.